

Practice 4-1

Divisibility and Mental Math

Is the first number divisible by the second? Use mental math.

1. 475 by 5 _____
2. 5,296 by 3 _____
3. 843 by 2 _____
4. 456,790 by 5 _____
5. 3,460 by 2 _____
6. 4,197 by 3 _____

Test each number for divisibility by 2, 3, 5, 9, or 10.

7. 126 _____
8. 257 _____
9. 430 _____
10. 535 _____
11. 745 _____
12. 896 _____
13. 729 _____
14. 945 _____
15. 4,580 _____
16. 6,331 _____
17. 7,952 _____
18. 8,000 _____

Find the digit that makes each number divisible by 9.

19. 54,78
20. 42, 97
21. 83,2 4

22. Name the numbers that are divisible by the numbers given:
numbers between 10 and 20, divisible by 2, 3, and 9

23. There are 159 students to be grouped into relay teams. Each team is to have the same number of students. Can each team have 3, 5, or 6 students?
